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## INTERNATIONAL SEARCH REPORT

PCT/GB 03/04352

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC 7 C08G18/08 B29C45/00 B29C67/24 A61F2/44		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) IPC 7 C08G B29C A61F		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02 11975 A (ANDREWS GEOFFREY THOMAS ;JOHNSON ANTHONY FRANCIS (GB); RANIER LTD) 14 February 2002 (2002-02-14) cited in the application page 8, line 22 -page 8, line 29 page 9, line 9 -page 9, line 19 figure 1 figure 3 claim 21  --- -/--	15-17, 24-29
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family		
Date of the actual completion of the international search  29 January 2004		Date of mailing of the international search report  05/02/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer  Heidenhain, R

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>UNTERBERGER M ET AL:  "PRODUKTIONSPARAMETER BEIM RRIM-PROZESS  KONTINUIERLICH UEBERWACHEN"  KUNSTSTOFFE, CARL HANSER VERLAG. MUNCHEN,  DE,  vol. 80, no. 8,  1 August 1990 (1990-08-01), pages 877-879,  XP000150773  ISSN: 0023-5563  whole document.</p> <p>---</p>	1-17
A	<p>EP 0 464 886 A (GEN MOTORS CORP)  8 January 1992 (1992-01-08)  page 2, line 54 -page 3, line 4  claim 7</p> <p>---</p>	1-17
X	<p>US 5 545 229 A (CLEMOW ALASTAIR J ET AL)  13 August 1996 (1996-08-13)</p> <p>---</p>	18-20
A	<p>column 4, line 41 -column 5, line 9  example 1  tables I,II  claims 1,3</p> <p>---</p>	30-32
X	<p>US 5 171 281 A (CLEMOW ALASTAIR J ET AL)  15 December 1992 (1992-12-15)  cited in the application</p> <p>---</p>	18-20
A	<p>column 3, line 56 -column 5, line 58  claims 1,2,6,9</p> <p>---</p>	30-32
A	<p>US 6 248 131 B1 (BAKER MATTHEW W ET AL)  19 June 2001 (2001-06-19)  column 7, line 51 -column 8, line 6  claim 1  figure 1</p> <p>---</p>	18-23, 30
A	<p>WO 93 16664 A (LIMBS &amp; THINGS LTD)  2 September 1993 (1993-09-02)  page 2, line 12 -page 2, line 18  figures 1-6  claims 1,2,11</p> <p>---</p>	18-23, 30
A	<p>BAO Q-B ET AL: "The artificial disc:  theory, design and materials"  BIOMATERIALS, ELSEVIER SCIENCE PUBLISHERS  BV., BARKING, GB,  vol. 17, no. 12, 1 June 1996 (1996-06-01),  pages 1157-1167, XP004032653  ISSN: 0142-9612  whole document</p> <p>-----</p>	18-23, 30-32

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